

**Amendments to the Specification:**

*Please replace paragraph 1032 with the following paragraph, marked to show changes:*

[1032] In at least one embodiment, the present invention takes into account an offset 350 between clock 310 and 320 when determining cycle adjustments to simulate a worst case slack scenario. Offset 350 is a fixed offset that does not vary between cycles of clock 320. Note, that for the illustrated clock signals, the worst case setup slack occurs when a triggering edge of clock 320 occurs 2m clock cycles after the immediately preceding triggering edge of clock 310. Also note that the worst case hold slack occurs when the triggering edge of clock 320 occurs 1m [.5m] clock cycles before the immediately subsequent triggering edge of clock 310.